

CHAPTER 1

GENERAL

1-1. Purpose and scope. This manual contains instructions and information for the design of incinerators for combustible waste materials, including garbage. The design of rubbish incinerators will be based on the use of natural draft. Auxiliary burners will be necessary in some cases.

1-2. Selection of sites. Sites for incinerators will be selected for convenience with respect to the housing area to be served and for accessibility from the existing road net. The length of average one-way haul, in general, will not be more than 3 miles. Where additional roads are necessary, they will be over the most direct practical route to the site. In all cases, travel on and across primary roads will be held to a minimum. Site location will be at least 1,000 feet from inhabited buildings and out of the prevailing wind direction toward building areas. Drainage conditions will be adequate for runoff and to accommodate drains from the incinerator plant to sanitary sewers.